



County of Los Angeles
CHIEF ADMINISTRATIVE OFFICE

713 KENNETH HAHN HALL OF ADMINISTRATION • LOS ANGELES, CALIFORNIA 90012

(213) 974-1101

<http://cao.co.la.ca.us>

DAVID E. JANSSEN
Chief Administrative Officer

June 10, 2003

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, CA 90012

Dear Supervisors:

**CONVERSION OF BROADCAST CONTROL ROOM TO DIGITAL EQUIPMENT
(ALL DISTRICTS AFFECTED) (5 VOTES)**

IT IS RECOMMENDED THAT YOUR BOARD:

1. Authorize the Executive Office to purchase the necessary equipment to convert the County's broadcast control room to a digital format system at an estimated cost of \$349,546, plus a 15 percent contingency of \$73,074.
2. Delegate authority to the Chief Administrative Office to amend an existing agreement with Network Television Time, Inc. (Agreement No. 68014), upon approval as to form by County Counsel, for the installation of the new equipment necessary to convert the broadcast control room to a digital format, at a cost not to exceed \$137,620.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The Board of Supervisors decided in February 1995 to broadcast its meetings to the public. At that time, the Board retained Network Television Time, Inc. (NTT) to broadcast the meetings, and entered into a seven-year equipment lease with NTT for needed equipment, with ownership transferring to the County at the end of the lease payment period.

The equipment now needs to be replaced, both due to its age and due to technology changes.

Board of Supervisors

GLORIA MOLINA
First District

YVONNE BRATHWAITE BURKE
Second District

ZEV YAROSLAVSKY
Third District

DON KNABE
Fourth District

MICHAEL D. ANTONOVICH
Fifth District

The Federal Communications Commission has mandated that public television stations convert from an analog signal to a digital signal. KLCS, with whom the County contracts to broadcast its Board meetings on television, began broadcasting digitally on May 1. Once the conversion is complete, it will retire its analog equipment. By that time, Los Angeles County needs to have its equipment also converted to digital to meet the higher standards.

Additionally, most of the County's equipment is almost nine years old. It is generally accepted that such equipment should be replaced every six years due to higher maintenance and repair costs beyond that time period. Indeed, the County has been experiencing higher equipment maintenance, repair and replacement costs in the past several years.

Should the Board authorize the Executive Office to purchase the necessary equipment, the equipment will be procured by the Executive Office using standard procurement practices. Attachment I is a list of equipment needed to convert our analog format to a digital format, along with estimated costs for this equipment. Included in the list is equipment needed to display roll-call Board votes, as was directed by the Board in April 2002. Attachment II is the cost summary for the digital conversion installation.

The Board in March extended the contract of NTT, in part to allow the company to convert the broadcast system to digital. The extension period approved by the Board was through October 17, 2003, with additional month-to-month extensions for up to six months. In order to meet that deadline, including sufficient time to allow testing of the system, the Board needs to approve the digital upgrade project at this time.

Implementation of Strategic Plan Goals

The recommended action is consistent with the principles of the Countywide Strategic Plan Goals of Service Excellence.

FISCAL IMPACT/FINANCING

The funding for the project is included in the 2002-2003 Cable Fund Budget.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

Federal mandate requires that KLCS, the public television station that the County uses to televise its Board meetings, convert to a digital signal. KLCS has begun the conversion process and the County needs to provide its programming at the same high standard. Additionally, the County's equipment is in need of replacement due to its age.

The Honorable Board of Supervisors
June 10, 2003
Page 3

NTT's contract was extended in part because the County wished to take advantage of NTT's expertise in analog to digital conversions.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

The upgrading of the broadcast control room from an analog system to a digital system will allow the County to continue using KLCS to broadcast its Board meetings, will improve the quality of the programming, will allow Board votes to be displayed during the broadcast, and will avoid the necessity of making costly repairs to aging equipment.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "David E. Janssen", with a stylized flourish at the end.

DAVID E. JANSSEN
Chief Administrative Officer

DEJ:GK
JAH:mp

Attachments (2)

c: County Counsel
Auditor-Controller

NETWORK TELEVISION TIME



file: 032603
Monday, April 14, 2003
Judy Hammond
County of Los Angeles
500 West Temple
Hall of Administration
Room 358
Los Angeles, CA 90012

Re: digital upgrade installation

Dear Judy:

This letter will serve as our installation cost summary for the digital upgrade. Our staff has estimated the hours required to accomplish each task itemized below. We will not charge the County for any additional time beyond these estimates. These amounts listed below are maximum costs. If our actual time is less than our estimate, we will charge only for our actual time.

<u>ITEM</u>	<u>HOURS</u>	<u>RATE</u>	<u>TOTAL</u>
Demolition and removal of old equipment	214	70.	\$15,000
Preparation of Control room for new equipment	42	70.	\$3,000
Installation of new equipment	520	125.	\$65,000
Testing of installed equipment	80.	125.	\$10,000
Programming of Vinton robotic equip.	40.	125.	\$5,000
Programming of Chyron graphic equip.	80	125.	\$10,000
Additional equip. Testing	96	125.	\$12,000
Additional equipment integration	20	125.	\$2,500
Installation of voting system	120	125.	\$15,000
		Total	\$137,620

Network Television Time, Inc.
1620 26th Street
Third Floor, South Tower
Santa Monica, Ca 90404
Tel: 310.255.8223 Fax: 310.255.8224
Email: networktv@earthlink.net

Line No.	Item No.	Description	Unit	Quantity	Unit Price	Total Price
10000	DXC-D35H	SONY 3CCD CAMERA HEAD	EACH	4	10,870.00	43,480.00
20000	VCT-U14	SONY QUICK RELEASE TRIPOD ADAPTER	EACH	4	172.00	688.00
25000	CA-D50	SONY CAMERA ADAPTER W/SDI FOR DXC-D35/CCU-D50	EACH	6	1,575.00	9,450.00
30000	CCU-D50	SONY DIGITAL CCU	EACH	6	2,745.00	16,470.00
40000	DFS-700A	SONY DIGITAL EFFECTS SYSTEM	EACH	1	17,683.00	17,683.00
50000	BKDF-701	SONY ANALOG/SDI QUAD INPUT MODULE FOR DFS-700A	EACH	1	2,327.00	2,327.00
55000	DSR-1800	SONY DVCAM STUDIO EDITING RECORDER	EACH	3	7,754.00	23,262.00
57500	DSBK-1801	SONY SDI/AES/EBU I/O BOARD FOR DSR-1800	EACH	3	1,169.00	3,507.00
58750	RMM-130	SONY RACKMOUNT FOR DSR-1800	EACH	3	172.00	516.00
60000	DSR-DU1	SONY DVCAM HDD RECORDER	EACH	1	1,917.00	1,917.00
70000	ACV-700A	SONY AC ADAPTER FOR DSR- DU1	EACH	1	145.00	145.00
80000	PVM-96	SONY 9" D65 HIGH RES. MONOCHROME MONITOR	EACH	2	675.00	1,350.00
90000	MB-520	SONY RACKMOUNT FOR PVM- 96	EACH	1	159.00	159.00
105000	PVM-14L5/1	SONY 14" HI RES MONTIOR	EACH	2	1,612.00	3,224.00
107500	BKM-150CP	SONY SDI INPUT MODULE FOR PVM-14L SERIES MONITORS	EACH	2	1,678.00	3,356.00
108750	MB-521	SONY RACK MOUNT KIT FOR PVM-14L SERIES	EACH	2	172.00	344.00
110000	1604VLZ- PRO	MACKIE AUDIO MIXER	EACH	1	1,045.00	1,045.00
115000	AV2	CRESTRON PROCESSOR	EACH	1	1,800.00	1,800.00
117500	C2ENET-1	CRESTRON CONTROL PROCESSOR ETHERNET CARD	EACH	1	600.00	600.00
118750	TPS-4500V	CRESTRON 12" COLOR TOUCH PANEL	EACH	1	4,535.00	4,535.00
119375	CNSP-XX	CRESTRON CUSTOM SERIAL INTERFACE (CHYRON APRISA)	EACH	1	75.00	75.00
119687	26-43X-XX	EXTRON 200' RS-232 CABLE TPS-4500V TO AV2	EACH	1	150.00	150.00

119765	HVS PROGRAMMING	CRESTRON VOTING SOFTWARE AND PROGRAMMING	EACH	1	3,500.00	3,500.00
119843	TEST- SETUP	CRESTRON ENGINEERING SUPPORT	EACH	1	2,500.00	2,500.00
120000	7A10209-1	CHYRON DUET LEX SINGLE CH. GRAPHICS SYSTEM	EACH	1	19,995.00	19,995.00
125000	5A01295- 3LE	CHYRON LYRIC GRAPHICS COMPOSITION SOFTWARE	EACH	1	2,495.00	2,495.00
127500	5A31375	CHYRON DUET LEX 2ND CH. OPTION	EACH	1	4,995.00	4,995.00
128750	7A00197	CHYRON STYLE DUET KEYBOARD	EACH	1	2,500.00	2,500.00
129375	5A01298	CHYRON STATION EXTENDER KIT FOR DUET	EACH	1	900.00	900.00
130000	7A00210	CHYRON NEWS CRAWL APPLICATION	EACH	1	3,995.00	3,995.00
132500	5A11327	CHYRON CAL RUNTIME LIBRARY FOR DUET	EACH	1	495.00	495.00
135000	AX-2D	CHYRON APRISA SSX DUAL CH. DIGITAL STILL STORE	EACH	1	24,000.00	24,000.00
137500	5A21285	CHYRON STILL STORE RECALL KEYBOARD	EACH	1	3,000.00	3,000.00
138750	6A01332	CHYRON RS-422 CONTROLLER FOR	EACH	1	2,500.00	2,500.00
139375	6A01328	APRISA STILL STORE CHYRON RACK SLIDE KIT FOR STILL STORE	EACH	1	250.00	250.00
139687	HVS PROGRAMMING	CHYRON CUSTOM SOFTWARE AND INTERFACING TO CRESTRON	EACH	1	7,500.00	7,500.00
140000	TESTING	CHYRON DUET 2 DAY ON SITE TRAINING INC. TRAVEL & EXPENSES	EACH	1	4,500.00	4,500.00
145000	TESTING	CHYRON ENGINEERING SUPPORT INCLUDES TRAVEL & EXPENSES	EACH	1	7,500.00	7,500.00
150000	SDM-S71	SONY 17" LCD MONITOR FOR CHYRON DUET	EACH	1	613.00	613.00
152500	OC1616DVI	PESA 16X16 SDI DIGITAL ROUTER	EACH	1	4,610.00	4,610.00
153750	OCRCP1616L	PESA 16X16 LOCAL CONTROL PANFI	EACH	1	410.00	410.00

154375	OCRCP1616R	PESA 16X16 REMOTE CONTROL PANEL	EACH	1	530.00	530.00
154687	VSW-826	LINK 16X1 VIDEO SWITCHER	EACH	2	995.00	1,990.00
155000	HCS-200	VINTEN CONTROL SYSTEM	EACH	1	19,500.00	19,500.00
157500		VINTEN SOFTWARE FOR SONY CCU-D50 CCU	EACH	1	3,000.00	3,000.00
158750	TESTING	VINTEN ENGINEERING SUPPORT	EACH	1	5,000.00	5,000.00
160000	B96DC- FNOIT/	BITREE 48 JACK AUDIO PATCH PANEL N.O. W/ELCO CONNECTOR	EACH	1	1,240.00	1,240.00
170000	B48T- 2WNHD/	BITREE 24X2 SDI PATCH PANEL NORMALLED	EACH	2	665.00	1,330.00
180000	AMD-880	LEITCH HIGH/LOW-Z MONO AUDIO DISTRIBUTION AMP	EACH	16	170.00	2,720.00
190000	FR-884	LEITCH AUDIO DA MOUNTING FRAME	EACH	2	728.00	1,456.00
200000		FAST FORWARD SDI UPGRADE FOR OMEGA DDR	EACH	4	1,995.00	7,980.00
210000	TESTING	FAST FORWARD UPGRADE LABOR	EACH	4	350.00	1,400.00
220000	ADC-6801	LEITCH A TO D CONVERTER YUV TO SDI	EACH	2	1,680.00	3,360.00
225000	VSD-6801	LEITCH SERIAL DISTRIBUTION AMPLIFIER	EACH	6	300.00	1,800.00
230000	DAC-6801	LEITCH D TO A CONVERTER SDI TO YUV	EACH	2	1,335.00	2,670.00
240000	FR-6804-1	LEITCH 2RU FRAME HOLDS 10 CARDS	EACH	1	935.00	935.00
250000	VTM-330E	VIDEOTEK DIGITAL WFM WITH EYE PATTERN	EACH	1	10,970.00	10,970.00
280000	ST- 300CUST	DNF CONTROLLER WITH PROGRAM RECORD MODIFICATION	EACH	1	3,550.00	3,550.00
290000	BR-7020UP	JVC 2-IN-ONE VHS HI-FI DUPLICATOR	EACH	5	2,845.00	14,225.00
300000	MVI-1	TECH ELEC SINGLE VCR CNTRL PNL	EACH	1	285.00	285.00
310000	CC-JVC- SERIAL- RCA	TECH ELEC VCR INTERFACE FOR JVC BR-7020U DUPLICATOR	EACH	1	130.00	130.00

320000	HVS MISC FEES	ON SITE TERMINATION OF 26 PIN CABLES BY CAE	EACH	12	350.00	4,200.00
330000	DVD- 4164RM	MICROBOARDS QUAD DVD	EACH	1	3,495.00	3,495.00
		DUPLICATION SYSTEM				
340000	PRV9000	PIONEER PRO MASTER DVD RECORDER	EACH	1	2,006.25	2,006.25

Amount Subject to Sales Tax: 284,033.25
 Amount Exempt from Sales Tax: 42,080.00

Subtotal: 326,113.25
 Invoice Discount: 0.00
 Sales Tax: 23,432.84
Total: 349,546.09